

# Impairments in Categories 4 and 5

Impairment	Category	#Wbs	#AUs
DDD in fish tissue	4a	1	1
DDD in smallmouth buffalo	4a	1	4
DDE in fish tissue	4a	4	7
DDT in fish tissue	4a	1	1
DDT in smallmouth buffalo	4a	1	4
PCBs in fish tissue	4a	5	5
PCBs in fish tissue	5a	10	20
acute toxicity in sediment to aquatic organisms	5c	2	2
acute toxicity in water to aquatic organisms	5c	1	2
aluminum (acute) in water	5c	1	1
bacteria	5a	75	110
bacteria	5c	101	132
bacteria (oyster waters)	5a	13	14
bacteria (oyster waters)	5c	1	1
chlordan in fish tissue	4a	7	9
chlordan in fish tissue	5a	2	10
chlordan in smallmouth buffalo	4a	1	4
chloride	5a	3	9
chloride	5b	3	8
chloride	5c	1	1
chronic toxicity in sediment to aquatic organisms	5c	3	3
chronic toxicity in water to aquatic organisms	5c	6	8
copper (acute) in water	5c	1	1
depressed dissolved oxygen	4c	1	1
depressed dissolved oxygen	5a	9	17
depressed dissolved oxygen	5b	8	15
depressed dissolved oxygen	5c	28	35
dieldrin in fish tissue	4a	3	3
dieldrin in fish tissue	5a	2	10
dieldrin in smallmouth buffalo	4a	1	4
dioxin in catfish and crab tissue	5a	13	25
endrin in smallmouth buffalo	4a	1	4
excessive algal growth	4a	2	5
heptachlor epoxide in fish tissue	4a	1	1
heptachlor epoxide in fish tissue	5a	2	10
heptachlor epoxide in smallmouth buffalo	4a	1	4
heptachlor in smallmouth buffalo	4a	1	4
hexachlorobenzene in smallmouth buffalo	4a	1	4
high pH	5c	7	19
impaired fish community	4c	2	2
impaired fish community	5b	1	1
impaired fish community	5c	2	2
impaired habitat	4c	1	1
impaired macrobenthos community	4c	1	1
impaired macrobenthos community	5c	4	4
lead (chronic) in water	5c	2	2
lindane in smallmouth buffalo	4a	1	4
low and high pH	5c	1	1
low pH	5a	1	1
low pH	5b	1	1
low pH	5c	3	3
mercury in fish and crab tissue	5c	1	1
mercury in fish tissue	5c	5	8
mercury in king mackerel > 43 inches	5c	1	7
mercury in largemouth bass and freshwater drum	5c	4	29
mercury in walleye	5c	1	2

Category	#AU/Impairment Combo's
4a	74
4b	0
4c	7
5a	242
5b	43
5c	277

## Impairments in Categories 4 and 5

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Impairment	Category	#Wbs	#AUs
mercury in water	5c	1	1
mercury in white and hybrid white/striped bass	5c	1	2
nitrate+nitrite nitrogen	5a	1	1
selenium (chronic) in water	5c	2	5
sulfate	5a	1	2
sulfate	5b	1	2
temperature	4c	2	2
total dissolved solids	4a	1	2
total dissolved solids	5a	3	9
total dissolved solids	5b	4	16
total dissolved solids	5c	2	4
toxaphene in smallmouth buffalo	4a	1	4
zinc (acute) in water	5c	1	1
zinc in oyster tissue	5a	1	4